

WE CLAIM:

1. A method for treating a patient afflicted with cancer, comprising administering temozolomide to said patient for at least two cycles of a cyclical dosing schedule, wherein each cycle comprises a dosing period of 5 to 25 days, in which temozolomide is administered daily, at a dose of 40 to 150 mg/m²/day, followed by a rest period of 5 to 14 days in which temozolomide is not administered.

2. The method of claim 1, wherein the rest period is 5 to 10 days.

3. The method of claim 2, wherein the daily dose is 75 to 125 mg/m²/day.

4. The method of claim 1, wherein the rest period is one week.

5. The method of claim 4, wherein the daily dose is 75 to 125 mg/m²/day.

6. The method of claim 1, wherein the dosing period is one, two, or three weeks.

7. The method of claim 6, wherein the rest period is one week.

8. The method of claim 7, wherein the dosing period is one week.

9. The method of claim 8, wherein the daily dose is 75 to 125 mg/m²/day.

10. The method of claim 7, wherein the dosing period is three weeks.

11. The method of claim 10, wherein the daily dose is 75 to 125 mg/m²/day.

12. A medical kit for administering temozolomide, comprising:

(a) printed instructions for administering temozolomide to a patient afflicted with cancer for at least two cycles of a cyclical dosing schedule, wherein each cycle comprises a dosing period of 5 to 25 days, in which temozolomide is administered daily, at a dose of 40 to 150 mg/m²/day, followed by a rest period of 5 to 14 days in which temozolomide is not administered; and

(b) a supply of temozolomide in dosage units for at least one cycle, wherein each dosage unit comprises 5 to 250 mg of temozolomide and a pharmaceutically acceptable carrier.

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13. The medical kit of claim 12, wherein the instructed rest period is 5 to 10 days.

14. The medical kit of claim 13, wherein the instructed daily dose is 75 to 125 mg/m²/day.

15. The medical kit of claim 12, wherein the instructed rest period is one week.

16. The medical kit of claim 15, wherein the instructed daily dose is 75 to 125 mg/m²/day.

17. The medical kit of claim 15, wherein the instructed dosing period is one, two, or three weeks.

18. The medical kit of claim 15, wherein the instructed dosing period is one week, and the instructed daily dose is 75 to 125 mg/m²/day.

19. The medical kit of claim 15, wherein the instructed dosing period is three weeks, and the instructed daily dose is 75 to 125 mg/m²/day.

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